Accepted Manuscript

Title: Highly efficient $(BiO)_2CO_3$ -Bi O_{2-x} -graphene photocatalysts: Z-Scheme photocatalytic mechanism for their

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PII: S0926-3373(18)30827-0

DOI: https://doi.org/10.1016/j.apcatb.2018.09.005

Reference: APCATB 16988

To appear in: Applied Catalysis B: Environmental

Received date: 3-7-2018 Revised date: 29-8-2018 Accepted date: 2-9-2018

Please cite this article as: Jia Y, Li S, Gao J, Zhu G, Zhang F, Shi X, Huang Y, Liu C, Highly efficient (BiO)₂CO₃-BiO_{2-x}-graphene photocatalysts: Z-Scheme photocatalytic mechanism for their enhanced photocatalytic removal of NO, *Applied Catalysis B: Environmental* (2018), https://doi.org/10.1016/j.apcatb.2018.09.005

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ACCEPTED MANUSCRIPT

Highly efficient (BiO)₂CO₃-BiO_{2-x}-graphene photocatalysts: Z-Scheme photocatalytic

mechanism for their enhanced photocatalytic removal of NO

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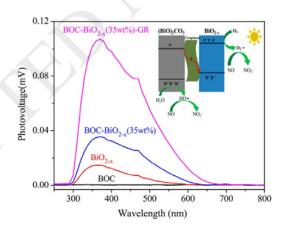
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Graphical abstracts



(BiO)₂CO₃-BiO_{2-x}-graphene Z-scheme photocatalyst was synthesized as a simulated solar light photocatalyst for the effective removal of NO.

Highlights

• Comparative experimental and DFT study of (BiO)₂CO₃-BiO_{2-x}-graphene, Z-scheme heterojunction is performed.

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